

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

25943

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
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|      |                     |      |                     |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with the patent applications enumerated in the attachment

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

25943

OR

|  |       |     |       |
|--|-------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name |       |     |       |
| Address  |       |     |       |
| City   | State | Zip |       |
| Country  |       |     |       |
| Telephone  |       |     | Email |

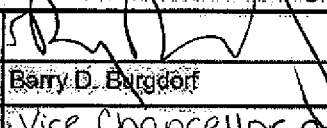
### Assignee Name and Address:

The Board of Regents, The University of Texas System  
201 West 7th Street, 7th Floor  
Austin, TX 78701

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

|           |   |           |                |
|-----------|---|-----------|----------------|
| Signature |  | Date      | July 3, 2008   |
| Name      | Barry D. Burgdorf   | Telephone | (512) 499-4462 |
| Title     | Vice Chancellor and General Counsel   |           |                |

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

### Patent Applications List

| Patent or application No. | Country | Filing Date | Title of Patent   |
|---------------------------|---------|-------------|---|
| 7,061,440                 | US      | 14-Jun-2004 | ELECTRICALLY SMALL PLANAR ANTENNAS WITH INDUCTIVELY COUPLED FEED                            |
| 7,370,183                 | US      | 12-Apr-2004 | BRANCH PREDICTOR COMPRISING A SPLIT BRANCH HISTORY SHIFT REGISTER                           |
| 12/046,066                | US      | 11-Mar-2008 | Branch prediction apparatus, systems, and methods   |
| 11/537,423                | US      | 29-Sep-2006 | METHOD FOR PREDICTING THE FORMATION OF SILICON NANOCRYSTALS IN EMBEDDED OXIE MATRICES       |
| 11/449,481                | US      | 08-Jun-2006 | SYSTEM, METHOD AND APPARATUS FOR PROVIDING NAVIGATIONAL ASSISTANCE                          |
| 11/134,965                | US      | 23-May-2005 | Method for producing nanoparticles and nanostructured films                                 |
| 11/855,149                | US      | 13-Sep-2007 | Apparatus and Method for a Waiveguide-Based Optical Polarizer Isolator                      |
| 7,107,434                 | US      | 19-Dec-2000 | SYSTEM, METHOD AND APPARATUS FOR ALLOCATING HARDWARE RESOURCES USING PSEUDORANDOM SEQUENCES |
| 60/976,056                | US      | 28-Sep-2007 | Mult-Wire Tapered Coaxial Endoscope   |
| 60/993,201                | US      | 10-Sep-2007 | Catalytic Nanocarbon Electrodes for Peroxide-Based BioSensors                               |
| 60/908,712                | US      | 29-Mar-2007 | Independent Half Space Radiators Using a Single Frequency Selective Surface                 |
| 6,840,999                 | US      | 16-Jul-2001 | IN SITU REGROWTH AND PURIFICATION OF CRYSTALLINE THIN FILMS                                 |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Intellectual Ventures Holding 40 LLCApplication No./Patent No.: 7,370,183 Filed/Issue Date: May 6, 2008Entitled: BRANCH PREDICTOR COMPRISING A SPLIT BRANCH HISTORY SHIFT REGISTERIntellectual Ventures Holding 40 LLC, a limited liability company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: John et al. To: University of Texas System

The document was recorded in the United States Patent and Trademark Office at  
Reel 015206, Frame 0361, or for which a copy thereof is attached.

2. From: University of Texas Austin To: National Science Foundation

The document was recorded in the United States Patent and Trademark Office at  
Reel 018223, Frame 0656, or for which a copy thereof is attached.

3. From: John et al. To: Board of Regents, The University of Texas System

The document was recorded in the United States Patent and Trademark Office at  
Reel 020696, Frame 0134, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Linda S. Zachariah/

Signature

July 17, 2008

Date

Linda S. Zachariah

Printed or Typed Name

503-222-9981

Telephone Number

Attorney at Law - Reg. No. 48057

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

4. From: The Board of Regents, The University of Texas System To: Intellectual Ventures Holding 40 LLC

The document was recorded in the United States Patent and Trademark Office at  
Reel 020919; Frame 0467

5. From: The Board of Regents, The University of Texas System To: Intellectual Ventures Holding 40 LLC

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Reel 021018; Frame 0551